



THE CITY OF
SAN DIEGO

Sewer Pump Station 27

Background

Pump Station No. 27 is located in Laureate Park at 2211 Avenida De Playa between El Paseo Grande and El Paseo Del Ocaso. The existing pump station and force main were rehabilitated in 2003-2006. Prior to the improvements, the pump station had a history of wastewater spills during its 30 years in operation. The improvements to the pump station required the contractor to saw cut the roof, and despite the use of waterproofing materials, water began penetrating the roof. The roof was then repaired in 2008 to protect the sensitive instrumentation below. In addition, since the rehabilitation of the pump station, the City has witnessed the pumps not operating as designed which has caused accelerated wear to the pumps. The City will need to make further modifications to the pump station to enhance reliability.

Project Overview

After the pumps were installed they began operating outside the factory certified pump curves which caused severe vibration and cavitation issues. The pumps need to be replaced with the correct sized pumps. In addition, there are other minor items that will be corrected which will bring the station up to current standards and provide more accurate data to operation crews. These repairs will bring the station up to the intended level of reliability set forth in the original rehabilitation contract.

Tentative Construction Schedule

April 2012- Construction Work to begin

November 2012- Construction Work to be complete

Cost

The estimated cost of the pump replacement and maintenance modifications is \$1,500,000.

Additional Information

Additional information about this and other important infrastructure projects can be found online at www.sandiego.gov/engineering-cip, or by calling the public information line at (619) 533-4207.

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